Abstract of the Disclosure

A method for optimizing the debarking result of logs debarked in a debarking drum, especially logs of mutually approximately the same size and of the same wood species, in such a way that wood losses remain as small as possible at the same time as the control values of the debarking drum are selected to be such that the debarking degree of the logs debarked in the debarking drum is of the desired order. The amount of bark remaining on the logs in the log flow discharged from the debarking drum and the amount of damaged logs in the said log flow are measured. At the same time as the amount of bark remaining on the logs is maintained at a desired level, the amount of damaged logs is kept as low as possible in such a way that the filling degree of the debarking drum is lowered whenever the amount of damaged logs is observed to increase.